



BUILDING MARKHAM'S
FUTURE TOGETHER
2015-2019 Strategic Plan



Cycling and Pedestrian Advisory Committee (CPAC)

2017 Review & 2018 Business Plan

Presentation to
Development Services Committee
May 14th, 2018

CPAC OVERVIEW

- Mandate: “Represent interests of cyclists and pedestrians in Markham, focusing on their needs and priorities, providing advice and support to the City on infrastructure, education/outreach and research, and bring these interests to attention of appropriate staff, department or standing committee of Council”
- Membership – up to 20 members, supported by staff from Engineering
 - Currently 16 citizens, 5 agencies, 2 Councillors
 - Chair: David Rawcliffe, Vice Chair: Peter Miasek
- Monthly meetings open to public

1. 2017 CPAC ACHIEVEMENTS

1.1 Engineering

1.2 Encouragement

1.3 Education

1.4 Evaluation

1.5 Enforcement

1. 2017 CPAC ACHIEVEMENTS

1.1 Engineering:

- In 2017, York Region received \$3.5M and Markham \$1.0M from Province's Ontario Municipal Commuter Cycling (OMCC) Program to build and improve cycling infrastructure
- Major Cycling and Pedestrian Transportation Projects:
 - Hwy 7 (Town Centre/Sciberras) – cycle track completed
 - Rouge Valley Trail – Ph 3B construction, Ph 4A – tendered
 - Lake to Lake MUP – Region tendered contract for construction of Markham section – complete by 2018
 - Arterial road widening EAs (Bayview, Kennedy, McCowan, 16th Avenue) – closely tracking cycling and pedestrian components
 - Motion passed “CPAC on principle reject the idea of road widenings” – specifically widening to 6 lanes – Development Services Committee referred motion back to staff for review and report back
 - New Hwy 404 midblock crossing EAs –closely tracking cycling and pedestrian components
- Filling Network Gaps
 - John Street MUP (Bayview/Rodick) – preliminary & detailed design - ongoing
 - Infill Sidewalk Program for arterial/collector roads – supporting staff recommendation to accelerate the program (110km total gaps)
 - Intersection improvements (Doncaster Ave /Henderson Ave , Steelcase Rd/John St) - scoping
 - 8 Trail Connection Projects (see Appendix – Slide 7)
 - Other small pedestrian or cycling gaps (see Appendix – Slide 7)
 - Edgeline on local roads – 9.2km completed



Upcoming Trail and Cycling Projects

LEGEND

- Hospital
- GO Station
- Police Station
- Edgeline (Existing)
- Edgeline (Proposed)
- Cycle Track
- Multi-use Pathway
- Trails
- Bike Lanes
- Paved Shoulder
- Shared Roadway
- Off-Road Multi Use Trail (Paved/Unpaved)
- Provincial Highway
- Expressway
- Arterial Roads
- Toll Expressway
- Municipal Boundary
- Heritage Districts

Gatsby Court to Perssona Valley – Feasibility Study

Pedestrian & Trail Connections (3) – Walnut Glen Place, Country Estates Drive, Briarwood Park

Maple Valley Park – Feasibility Study

Vanessa Road to Quantztown Park – Feasibility Study

Rouge Valley Trail Phase 3

Rouge Valley Trail Phase 4A

Valley View Park – Feasibility Study

Doncaster Ave & Henderson Rd – Intersection Improvement

Rouge Valley Trail Phase 4B

John St. Multi-Use Pathway

York Region Lake-to-Lake Multi-Use Pathway (Markham Section)

John St. & Steeplecase Rd – Intersection Improvement

Enterprise Blvd & Unvionville Main Street – Intersection Improvement

Denby Valley Park to Mildred Temple Park – Feasibility Study



APPENDIX

Status of Work on Small Trail, Cycling or Pedestrian Gaps – May, 2018

- Trails
 - Approved: Briarwood to Carleton Rd, Warden to Country Estates, Warden to Walnut Glen.
 - Under Review: Denby Valley Park to Mildred Temple Park; Gatsby Court to Personna Valley; Vanessa Rd to Quantztown Park; Maple Valley Park; Valley View Park
- Cycling
 - Approved: Enterprise/Main Street intersection; YMCA Blvd bike lane; Edgeline on John Button
 - Under Review: 9th Line near DCP, Rodick Rd buffered bike lane, Bullock sharrows, Edgeline on Country Glen, intersection improvements at Henderson/Doncaster & Steelecase/John St.
- Pedestrian
 - Approved: Various gaps from Walkability Consultant study (Markville Mall, Unionville GO Station/PanAm, Thornhill C.C., Box Grove Plaza)
 - Under Review: Other gaps from Walkability Consultant study

1. 2017 CPAC ACHIEVEMENTS

1.1 Engineering (Continued):

- Network Enhancements
 - Signage on MUPs nearly completed
 - York Region piloted protected bike lane (flexible posts) on Highway 7 for 500m between Town Centre Boulevard and Rodick Road – next step full length?
- Vision Zero (traffic safety policy used by many Canadian cities)
 - Council supported zero fatalities in the Vision Zero (VZ) principles, and requested staff to investigate with York Region the adoption of VZ principles. Staff to report back in early 2019.
 - Planning meeting with York Region staff
- 50 existing signalized intersections have been upgraded to AODA (Access for Ontarians with Disabilities Act) standards. 5 intersections remains to be upgraded by 2025 subject to City's approval and budget.



1. 2017 CPAC ACHIEVEMENTS

1.2 Encouragement:

- Successful 10th annual Markham Cycling Day, Sept 24, Civic Centre
 - Children races + Tour de Markham (family rides) + food + give-aways + prizes + entertainment
 - 1000 registrants, parents and volunteers
- Organized Jane's Walks May 5-7 – Unionville Main St, Thornhill, Markham Rouge Valley Trail
- Replaced our popular Bike Valet service at festivals with a service to provide bike racks on day of events
- Sponsored the repairing of 40 bicycles and donated them to low-income families
- Participated in outreach- Earth Day (April 27), Active Transportation Expo (June 9), Children's Festival (August)
- York Region sponsored Bike to Work Day (May 29) and Bike Month (June)
- Planned and scoped a bike-share service in Markham Centre-Unionville – see 2018 plans

Markham Cycling Day - 2017



1. 2017 CPAC ACHIEVEMENTS

1.3 Education:

- 2017 Markham Cycling Map updated and published
- York Region publishing “Cycling Newsletter”: 2-3 times per year

1. 2017 CPAC ACHIEVEMENTS

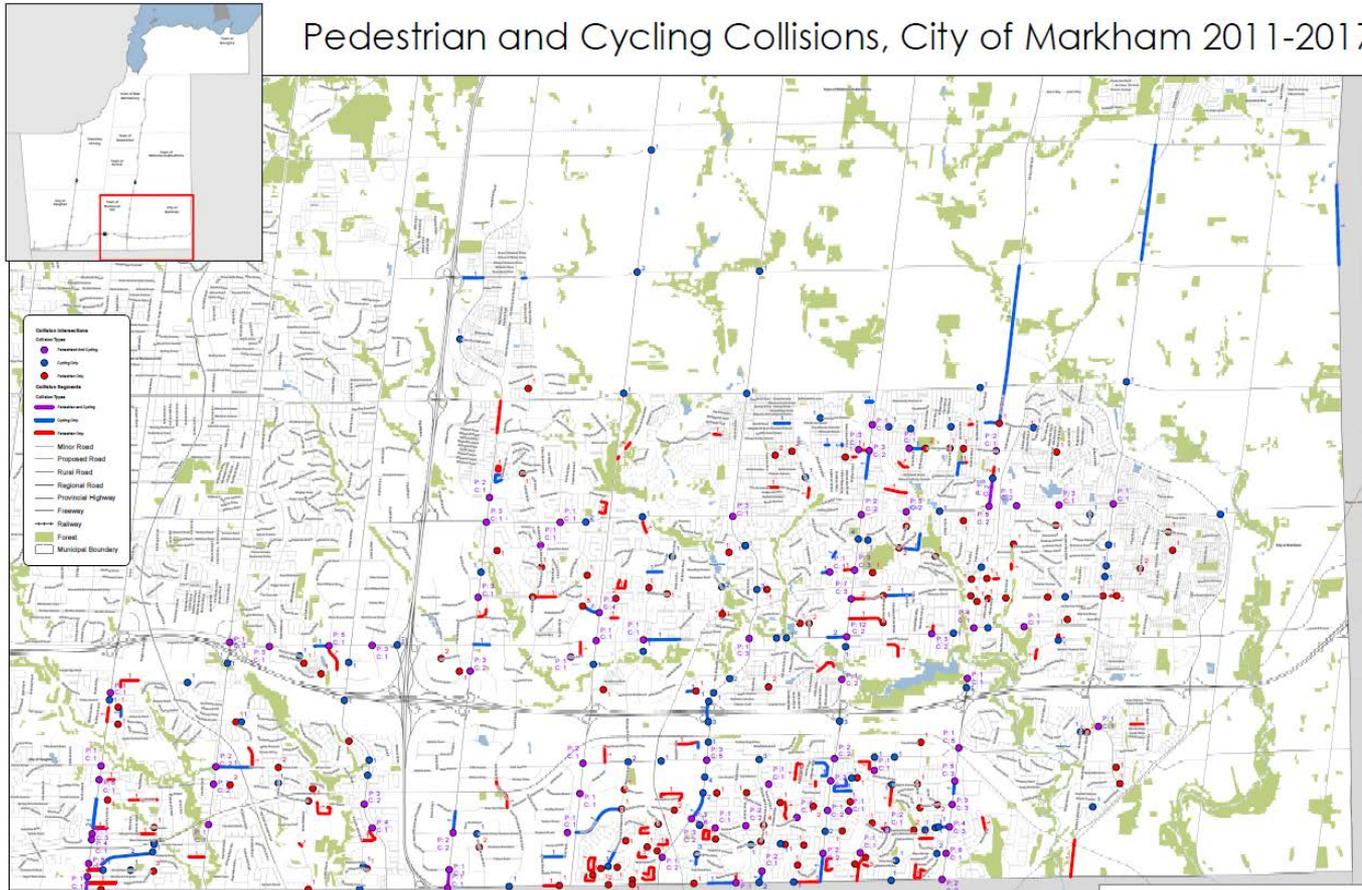
1.4 Evaluation:

- Markham Pedestrian and Cycling Collisions, 2011-2017
 - 411 pedestrians and 301 cyclists. See Figure on Slide 13.
 - Data analysis underway. Higher frequencies in Milliken, Yonge corridor, Hwy 7/McCowan
- York Region tracking pedestrian and cyclist deaths and injuries on arterial roads in their annual Traveler Safety Report*
 - Collisions of all types and collision rate per 100,000 population have declined
 - However, collisions involving cyclists/pedestrians has steadily increased
 - Majority of the collisions (pedestrians at 95%, cyclists at 81%) lead to injury or fatality
 - Working to develop a Safety Plan to address pedestrian and cyclist safety
- York Region continues to measure cycling usage patterns using fixed and temporary counters

*Source: York Region 2017 Annual Collision Statistics Report



Pedestrian and Cycling Collisions, City of Markham 2011-2017



1. 2017 CPAC ACHIEVEMENTS

1.5 Enforcement:

- Requested Markham Council to update City's bylaw to restrict motor vehicles from parking on all bicycle facilities. Development Services Committee referred to staff to report back. (September 13, 2016)
- In 2017, a preliminary review indicated many streets with bike lanes already have parking restriction or separate parking bays
- CPAC concluded work to amend by-law is extensive for a few bike lanes, and staff resource should be prioritized on improving the active transportation infrastructure/network and enhance safety.

2. 2018 PLAN

2.1 Engineering

2.2 Encouragement

2.3 Education

2.4 Evaluation

2018 Budget

2. 2018 PLAN (new vs. 2017 = *italics*)

2.1 Engineering:

- Track progress on major funded infrastructure projects
 - Construction of Rouge Valley Trail and Lake-to-Lake MUP
 - EAs for various arterial roads and 404 midblock crossings
- Continue to prioritize and fill trail, cycling and pedestrian network gaps
 - Infill Sidewalk Program
 - John St. MUP
 - *Review edge line program (56 km) for opportunities for more signed bike routes*
 - Small trail, cycling and pedestrian gaps
 - Intersection improvements
- Work on enhancements to current network
 - AODA compliance on 5 remaining intersections
 - Flexible posts on Highway 7 bike lane and/or cycle tracks
- Review Community Master Plans, Secondary Plans and ZBAs as they are prepared, eg. York Downs
- *Provide input into Vision Zero strategy*
- *Provide input into Active Transportation Master Plan*

2. 2018 PLAN *(new vs. 2017 = italics)*

2.2. Encouragement:

- Conduct 11th annual Markham Cycling Day
 - September 23, centred at Civic Centre, 1000+ attendees
- Offer Jane's Walks at 3 locations in May
- *Provide City-owned Bike Racks for festivals (Operations Supported)*
- Participate in other outreach – Earth Day, Children's Festival, Active Transportation Expo
- *Participate in and review results of joint York Region/Markham feasibility study of bike share service in Markham*

2. 2018 PLAN *(new vs. 2017 = italics)*

2.3 Education:

- *Pilot “Active Transportation Day to School” event at one Markham Public Elementary School during Bike to School week (May 28 – June 1)*
- *Develop new cycling and pedestrian website in conjunction with Corporate Communications*
- CPAC members and Staff to participate in conferences and workshops

2. 2018 PLAN *(new vs. 2017 = italics)*

2.4 Evaluation:

- Review pedestrian and cycling collisions to identify problem areas, and work with City and/or York Region staff to develop site-specific improvements
- Review metrics data on cycling and pedestrian usage
- *Apply for awards as appropriate for Walk Friendly Ontario and Bicycle Friendly Community (if staff resources permit). Use as learning experience.*

2018 CPAC BUDGET ALLOCATION

	<u>2017 Budget, \$</u>	<u>2017 Actual, \$</u>	<u>2018 Budget, \$</u>
Encouragement			
Markham Cycling Day	10,000 (net after sponsors)	9,000 (net after sponsors)	10,000 (net after sponsors)
Jane's Walk Publicity	0	0	1,000
Bike Rack Service	3,000	4,000 (purchase)	1,000
Research and Innovations	5,500	3,800 (bike repair)	6,500
Outreach & Events (tent, banners)	0	3,000	3,000
Education			
Conduct Bike Clinics	1,000	0	0*
Update and print Markham Cycling Map	3,000	4,000	2,000
Attend Conferences and Workshops	500	500	1,000
CPAC Meeting Expenses	500	500	500
TOTAL APPROVED CPAC BUDGET	25,000	24,800	25,000

*Program is now operated by Recreations

THANK YOU!
QUESTIONS?